

Profile of the acidic proteases extracted  
from the SC obtained by "scraping"

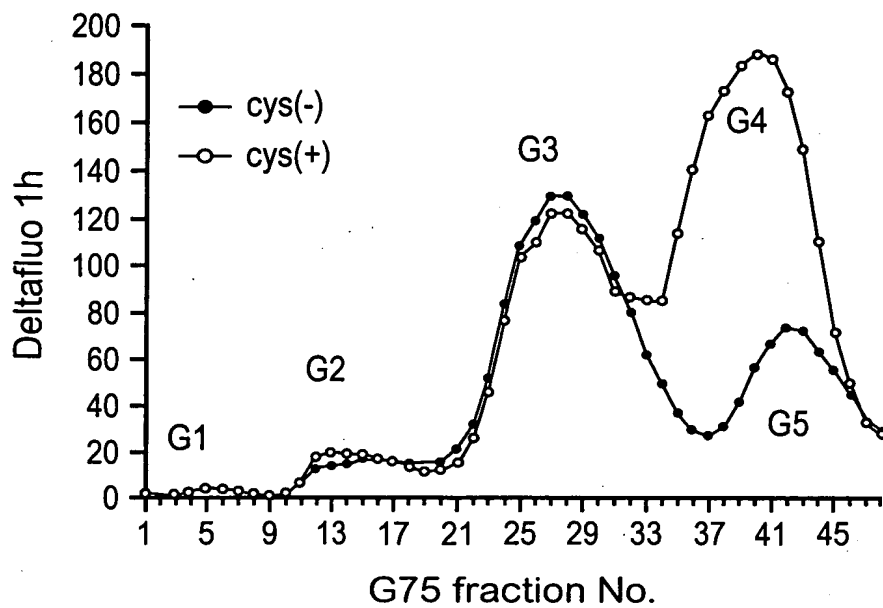


FIG. 1

pH optimum of the cysteine  
proteases of the G4 group

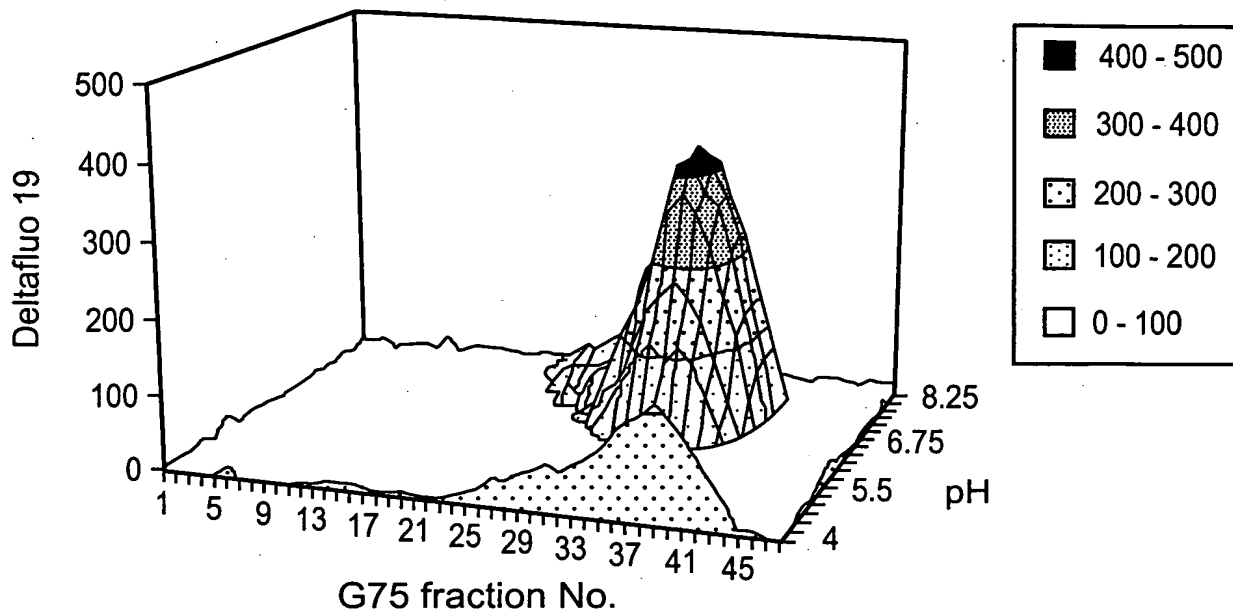


FIG. 2A

pH optimum of the cysteine  
proteases of the G4 group

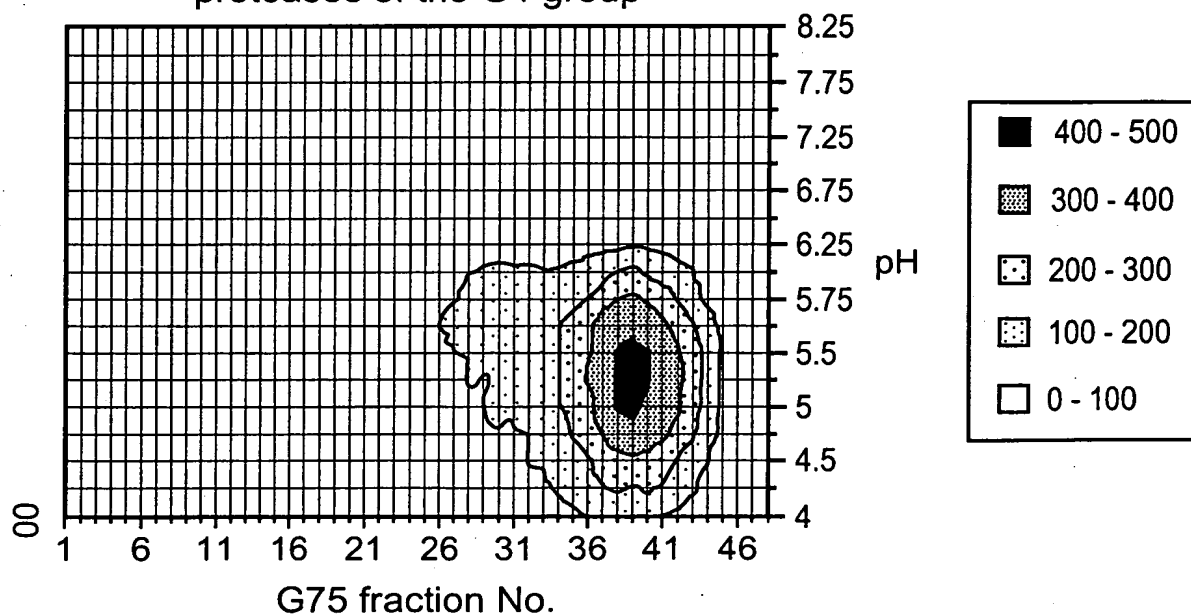


FIG. 2B

Cys ( + ) acidic proteases from  
 the SC effect of E 64 at 1.4  $\mu$ M

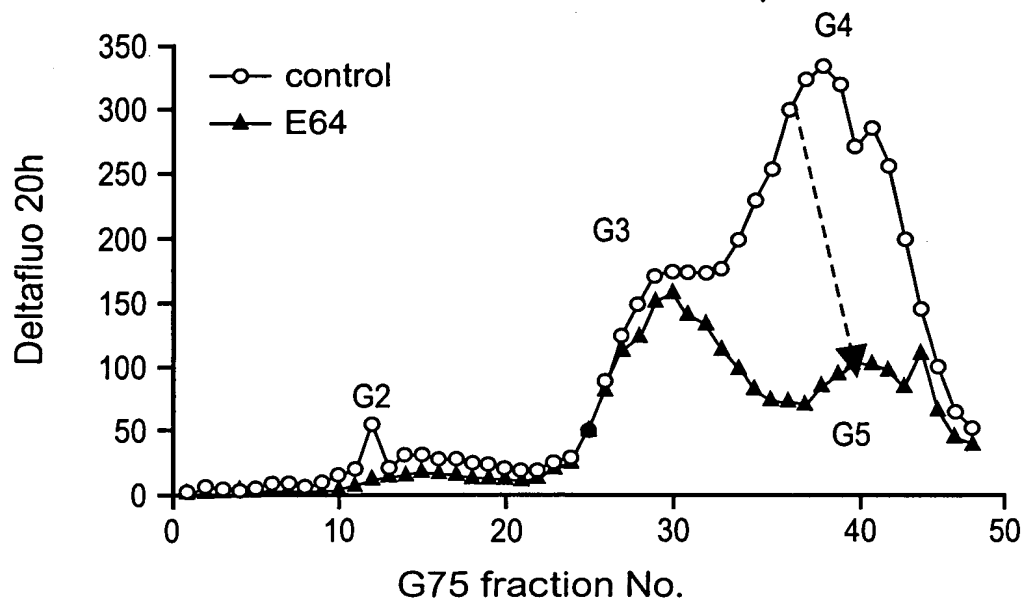


FIG. 3

Cys ( + ) acidic proteases from  
 the SC effect of Leupeptin at 1  $\mu$ M

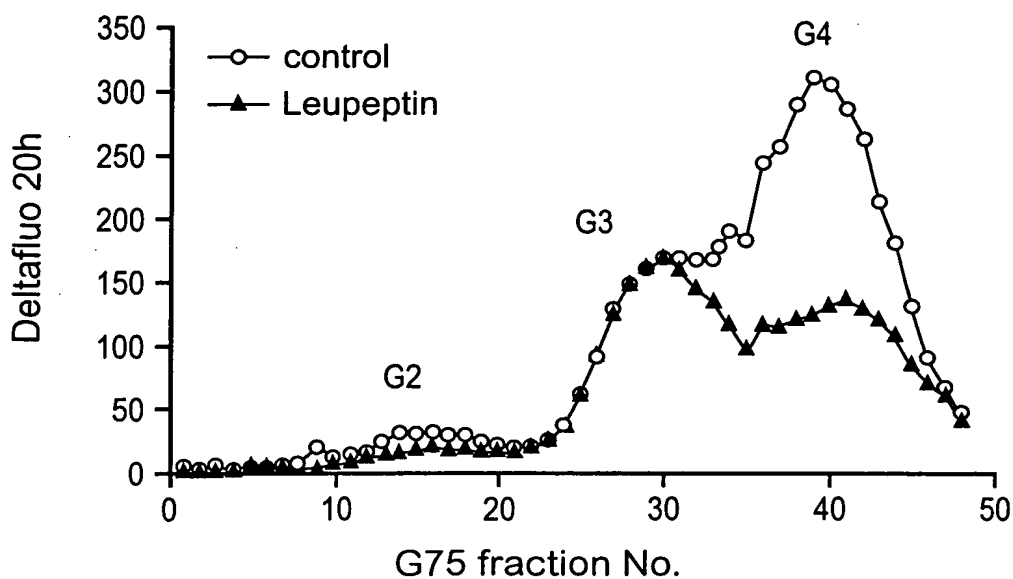


FIG. 4

Cys ( + ) acidic proteases from the  
SC effect of chymostatin at 2.5  $\mu$ M

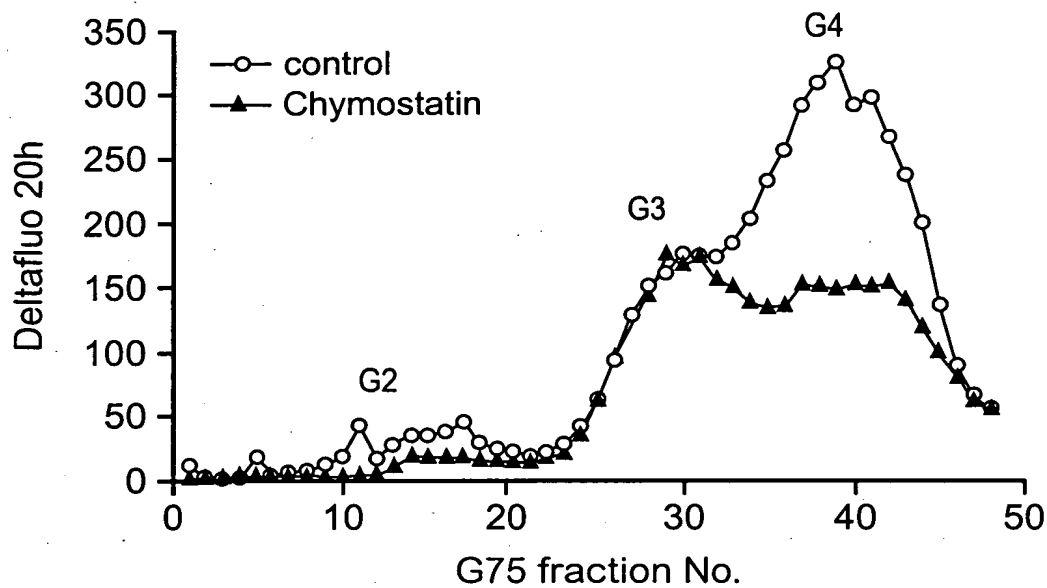


FIG. 5

Cys ( + ) acidic proteases  
 effect of CA 074 at 1 $\mu$ M

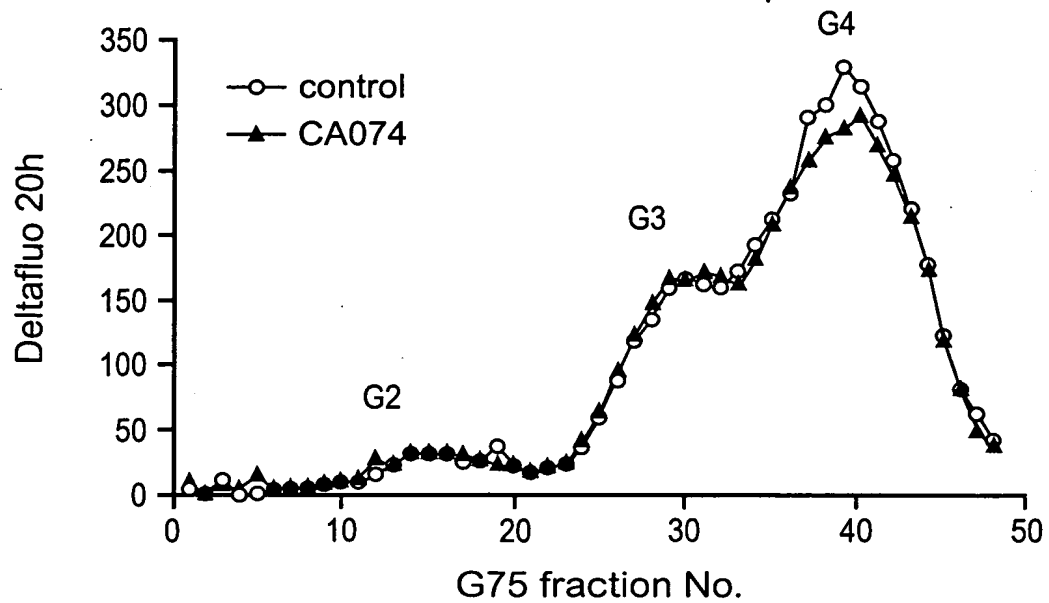


FIG. 6

Cys ( + ) acidic proteases from  
 the SC effect of pepstatin at 1  $\mu$ M

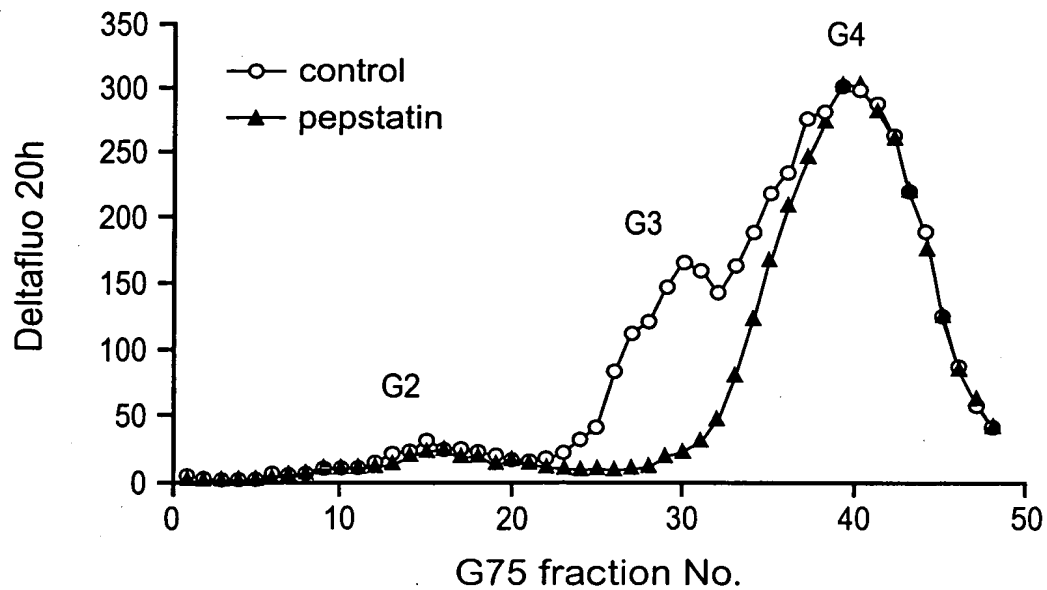


FIG. 7

Cys ( + ) acidic proteases  
 specific substrate and nonspecific substrate

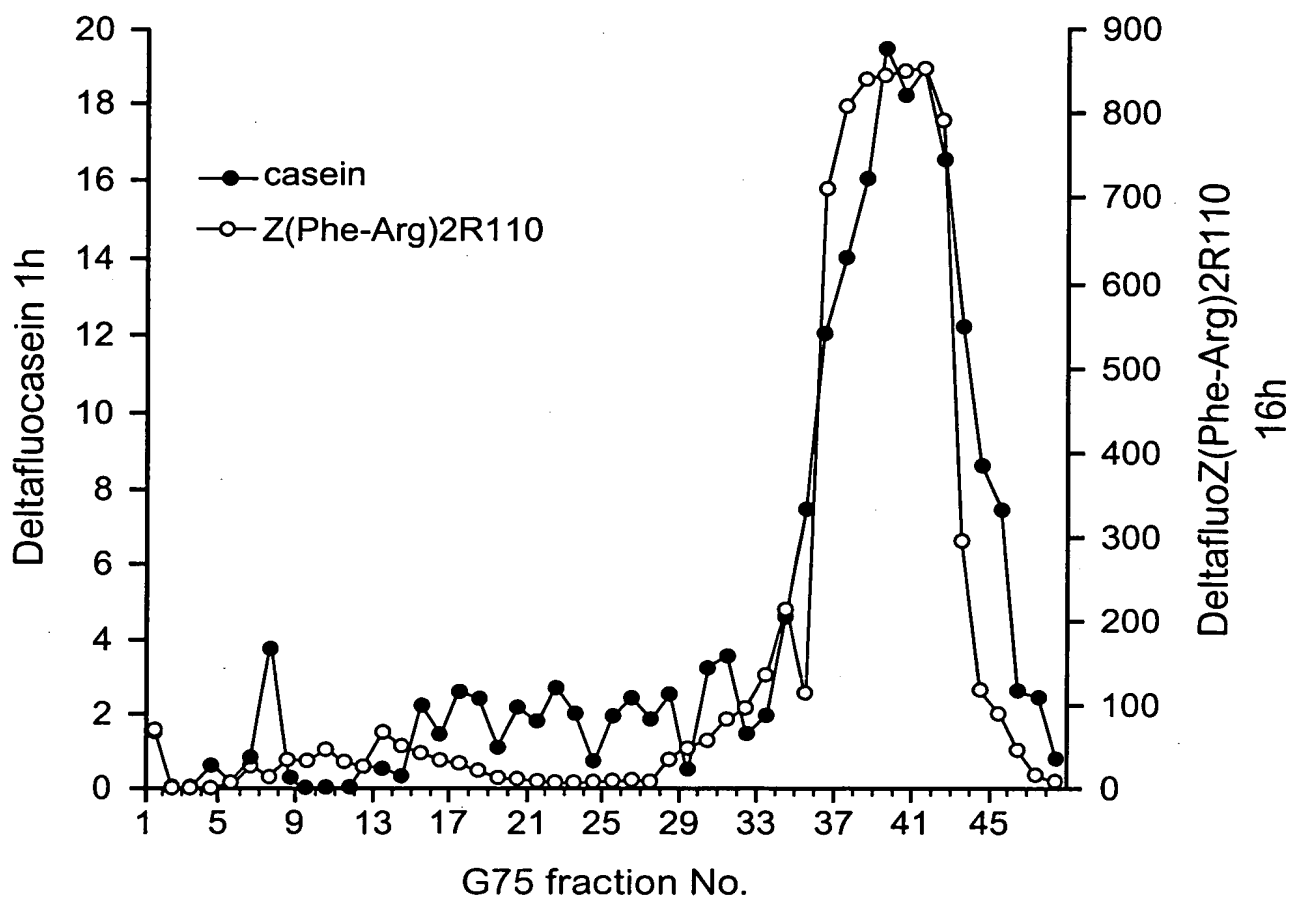


FIG. 8

Chromatofocusing "CF4" SC extract

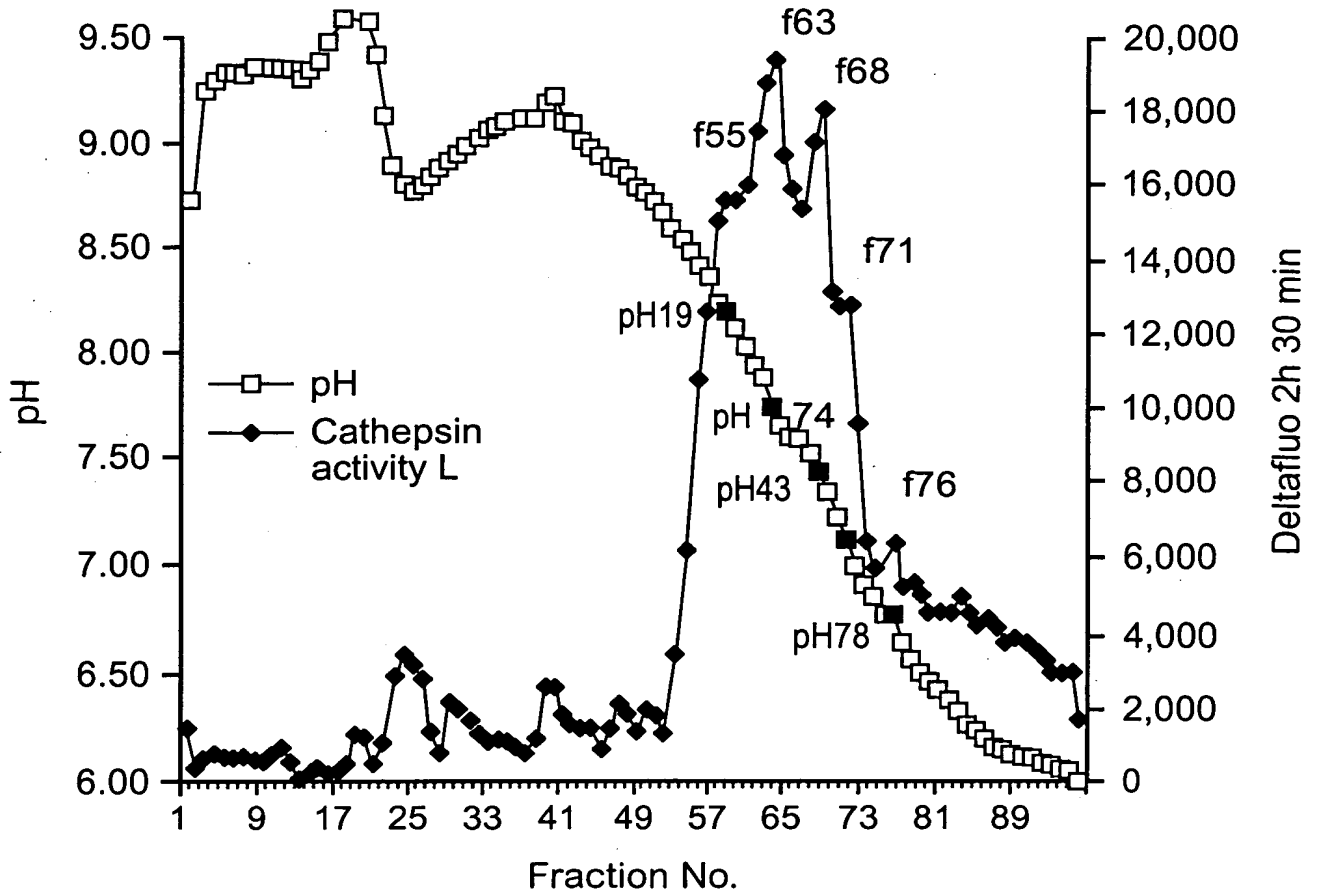


FIG. 9

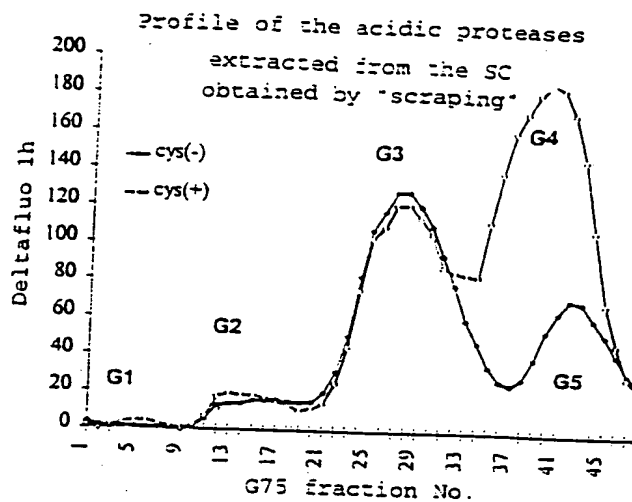


Figure 1

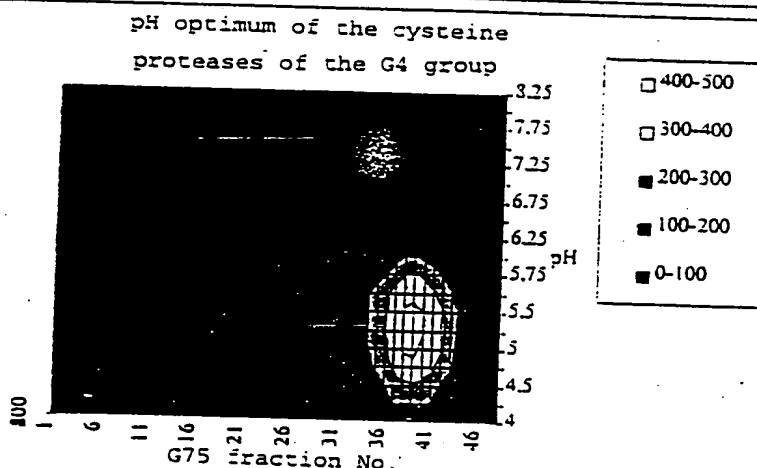
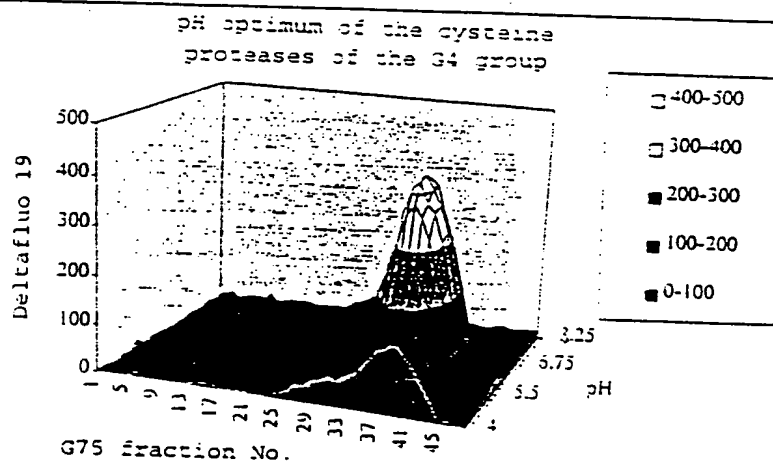
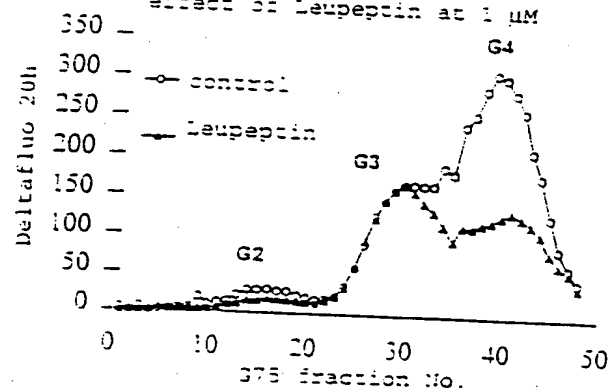


Figure 2



Figure 1 is a line graph showing the effect of E64 on the release of GABA from G75 fractions. The y-axis is labeled "Deltaflu 20h" and ranges from 0 to 350. The x-axis is labeled "G75 fraction No." and ranges from 0 to 50. Two curves are plotted: "control" (open circles) and "E64" (filled circles). The control curve shows a small peak G2 at fraction 12, a large peak G3 at fraction 28, a very large peak G4 at fraction 40, and a smaller peak G5 at fraction 45. The E64 curve shows a small peak G2 at fraction 12, a large peak G3 at fraction 28, and significantly reduced peaks G4 and G5. A dashed line connects the peaks of the control curve.

350 Cysteine acidic proteases from the SC  
effect of Leupeptin at 1  $\mu$ M



Cys(+) acidic proteases from the SC  
effect of chymostatin at 2.5  $\mu$ M

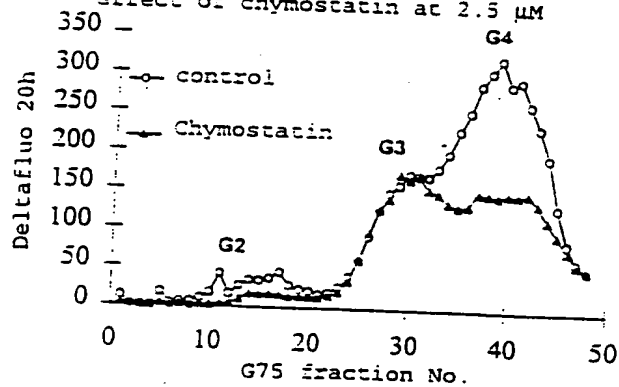


Figure 5

70700 654330

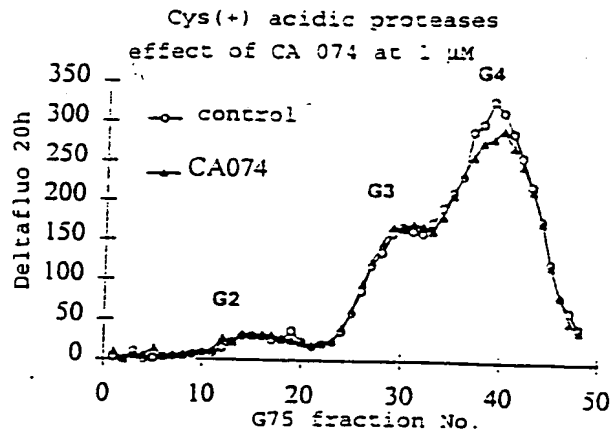


Figure 6

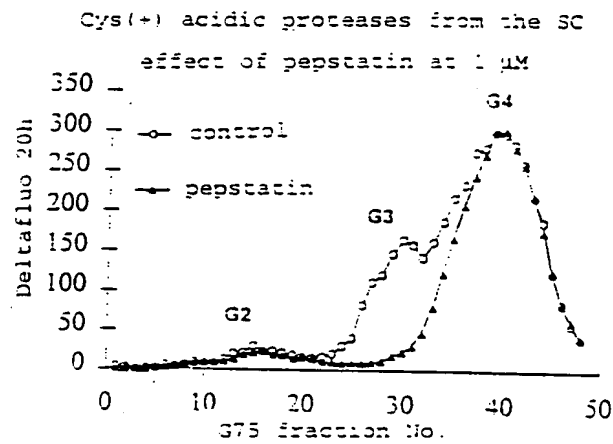


Figure 7

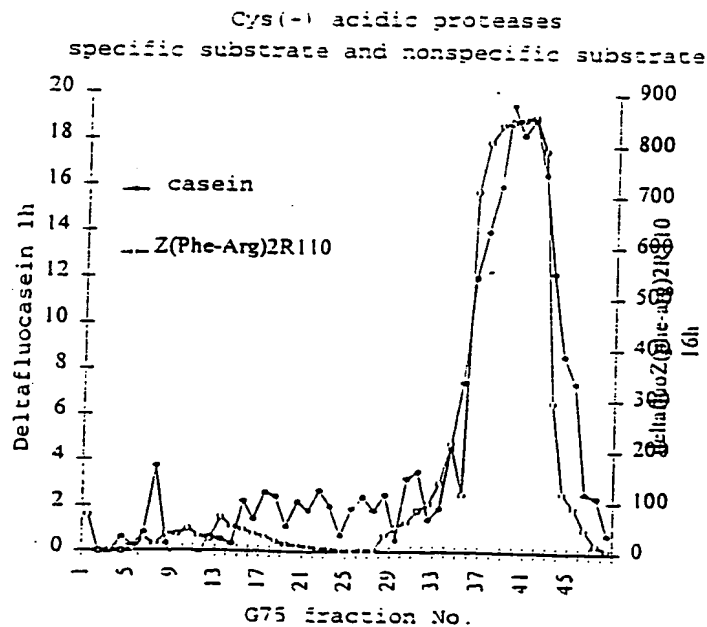


Figure 8

707290 6544363

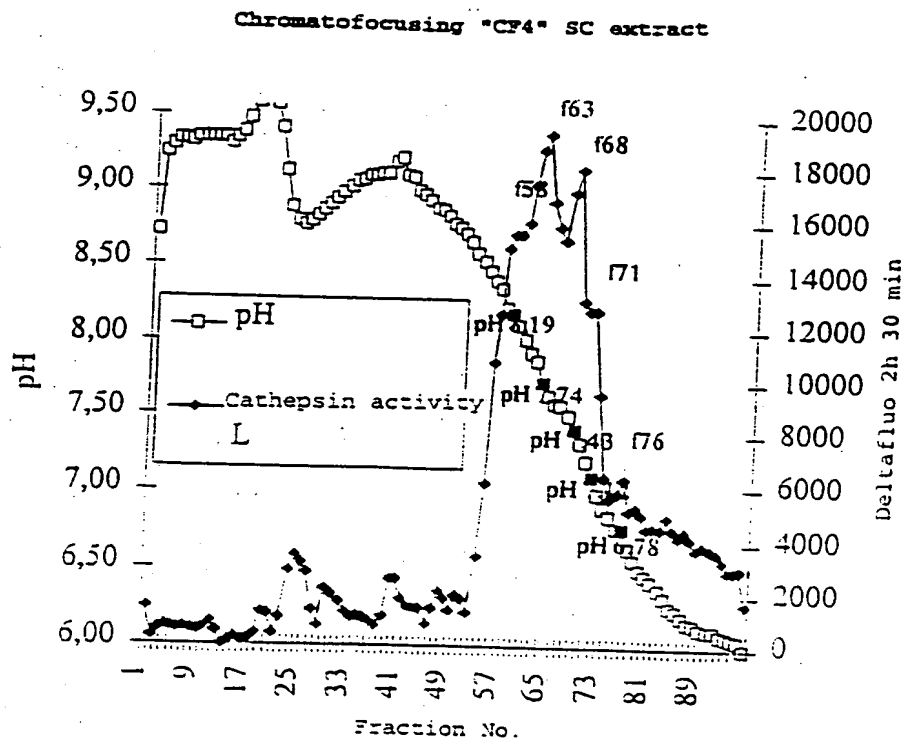


Figure 9